

09413900 BEAVER DAM WASH NEAR ENTERPRISE, UT

LOCATION.--Lat 37°28'12", long 114°02'45", in NW¹/4 SW¹/4 NW¹/4 sec. 24, T. 38 S., R. 20 W., Washington County, Hydrologic Unit 15010010, Bureau of Land Management, on left bank 0.4 mi downstream from Nevada-Utah State line and about 19 mi southwest of Enterprise.

DRAINAGE AREA.--58 mi².

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 4,760 ft above sea level, from topographic map.

REMARKS.-- Records fair except for daily discharges less than 2.0 ft³/s, which are poor. Some regulation of low flow by Schroeder Reservoir (capacity about 200 acre-ft) 3 miles upstream from station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,760 ft³/s, Feb 24, 1998, gage height, 10.16 ft, from floodmarks, from rating curve extended above 70 ft³/s on basis of slope-area measurement at gage height, 9.56 ft; no flow Aug 8, 10, 1994.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 150 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct 30	1145	164	5.90			*456	
Mar 9	2200	254	6.39				*7.21

Minimum daily discharge, 0.23 ft³/s, Sep 13.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	20	3.2	3.3	3.7	5.9	4.1	4.3	1.0	.39	.77	.49
2	1.5	12	3.2	3.2	3.7	6.7	3.9	4.2	1.0	.26	.81	.61
3	1.7	11	3.2	3.2	3.8	7.4	3.8	4.3	1.5	.25	.90	.41
4	1.9	8.4	3.2	3.2	4.0	7.9	3.6	4.1	1.4	.25	.65	.42
5	2.0	6.9	3.2	3.3	4.4	8.9	4.5	4.0	1.4	.26	.46	.51
6	1.9	11	3.2	3.2	5.1	28	4.4	3.1	1.2	.32	.52	.54
7	1.5	9.7	3.3	3.3	9.2	88	6.1	3.4	1.7	.45	.73	.54
8	1.5	6.4	3.4	3.3	6.3	67	9.5	3.6	1.7	.50	.92	.54
9	1.7	6.4	3.4	3.6	5.1	113	7.7	3.7	1.5	.66	11	.45
10	2.5	6.9	3.3	3.4	4.7	117	6.8	3.6	.87	.89	.93	.32
11	2.7	6.6	3.2	5.5	4.7	77	6.9	3.4	.52	1.2	.38	.39
12	2.7	6.1	3.4	4.9	4.4	40	9.7	3.3	.81	1.2	.49	.37
13	2.9	5.2	3.3	4.3	4.4	23	11	3.6	.97	1.2	.92	.23
14	3.0	6.1	3.2	4.1	4.8	18	11	3.2	.90	.94	1.0	.36
15	2.8	6.3	3.3	4.0	4.4	12	13	3.0	1.0	.47	.98	.52
16	2.5	6.1	3.2	3.8	4.3	9.1	9.6	2.9	1.1	.37	.82	.49
17	2.4	6.0	3.3	3.9	4.3	7.6	8.3	2.8	1.2	.45	.77	.50
18	2.6	5.6	3.2	3.8	4.4	6.5	6.8	2.8	.96	.48	.45	.57
19	2.7	5.7	3.2	3.7	4.7	7.3	6.1	2.7	1.0	.51	.43	.66
20	3.0	4.9	3.2	3.8	5.1	9.5	5.6	2.7	1.0	.56	.50	.69
21	3.3	4.6	3.2	3.8	5.2	12	6.7	2.4	.95	.55	.58	.73
22	3.4	4.6	3.3	3.8	5.4	13	6.8	2.5	.94	.33	.51	.79
23	3.6	4.5	3.3	3.9	6.3	14	6.6	2.4	.88	.27	.46	.78
24	4.7	4.9	3.2	3.9	5.8	11	5.7	2.4	.68	.26	.50	.61
25	4.0	4.5	3.2	4.3	5.6	9.9	5.2	2.2	.75	.34	.46	.67
26	3.6	4.5	3.2	4.1	5.2	8.2	5.1	2.0	.86	.40	.26	.70
27	4.3	4.4	3.2	4.2	5.3	6.8	4.9	.96	.92	.46	.24	.73
28	4.0	3.8	3.2	4.0	6.2	5.7	4.7	.89	.89	.55	.32	.70
29	4.6	3.3	3.3	3.9	---	5.1	4.7	1.2	.78	.49	.36	.68
30	96	3.3	3.3	3.8	---	4.6	4.5	1.5	.64	.48	.38	.75
31	64	---	3.3	3.8	---	4.3	1.4	---	.74	.46	---	---
TOTAL	240.4	199.7	100.8	118.3	140.5	754.4	197.3	88.55	31.02	16.48	28.96	16.75
MEAN	7.75	6.66	3.25	3.82	5.02	24.3	6.58	2.86	1.03	.53	.93	.56
MAX	96	20	3.4	5.5	9.2	117	13	4.3	1.7	1.2	11	.79
MIN	1.4	3.3	3.2	3.2	3.7	4.3	3.6	.89	.52	.25	.24	.23
AC-FT	477	396	200	235	279	1500	391	176	62	33	57	33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2001, BY WATER YEAR (WY)

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		
MEAN	2.97	3.84	4.46	12.3	30.9	42.6	19.6	5.74	2.61	1.06	2.51	1.83
MAX	7.75	6.66	9.59	55.2	115	128	97.6	14.6	5.44	2.86	14.0	5.82
(WY)	2001	2001	1995	1993	1993	1993	1998	1998	1998	2000	1997	
MIN	1.56	2.60	2.43	3.61	4.55	3.45	3.48	2.18	.65	.15	.20	.56
(WY)	1997	1997	1992	1994	1996	1999	1996	1996	1997	1996	2001	

VIRGIN RIVER BASIN

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SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1992 - 2001
ANNUAL TOTAL	2641.19	1933.16	
ANNUAL MEAN	7.22	5.30	
HIGHEST ANNUAL MEAN			10.8
LOWEST ANNUAL MEAN			29.0
HIGHEST DAILY MEAN	303	Aug 30	2.48
LOWEST DAILY MEAN	.09	Aug 7	1993
ANNUAL SEVEN-DAY MINIMUM	.12	Aug 2	1996
ANNUAL RUNOFF (AC-FT)	5240		1140 Feb 24 1998
10 PERCENT EXCEEDS	15		.00 Aug 8 1994
50 PERCENT EXCEEDS	3.3		.05 Aug 7 1994
90 PERCENT EXCEEDS	.31		.55
		3830	7800
		8.0	15
		3.3	3.5
		.48	

